

Converting Colors

Hex(1990BD)

Have a look what the booklet for
Hex(1990BD) contains.

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Color

Hex(1990BD)

Conversions

Conversions Part 1

Format	Color
Hex	1990BD
RGB	25, 144, 189
RGB Percent	10%, 56%, 74%
CMY	0.9020, 0.4353, 0.2588
CMYK	0.87, 0.24, 0.00, 0.26
HSL	196°, 77%, 42%
HSV	196°, 87%, 74%
XYZ	19.5595, 23.8273, 51.7124
YIQ	113.5490, -85.3690, -11.2330

Conversions

Conversions Part 2

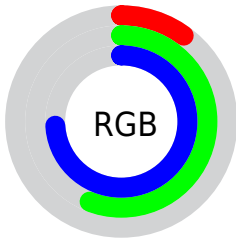
Format	Color
R_{YB}	25, 94, 189
Decimal	1675453
CIE _{Lab}	55.91, -14.78, -32.05
CIE _{LCh}	56, 35.295, 245.243
Yxy	23.8273, 0.2057, 0.2506
Android (android.graphics.Color)	4279865533 (0xFF1990BD)
YUV	113.5490, 37.1973, -77.6575
Hunter-Lab	48.8132, -13.8982, -28.6421

Details

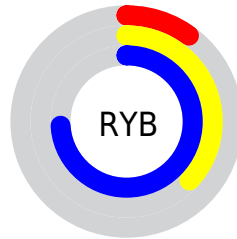
The Hex color **1990BD** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BD4619**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **66C6F5**, and **005E87** is the 20% darker color. If you saturate the color by 10%, you get **068BBD**, and if you desaturate by 10%, it is **2C95BD**.

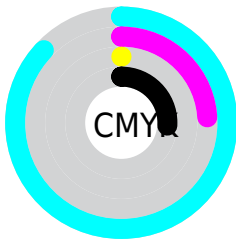
Distribution



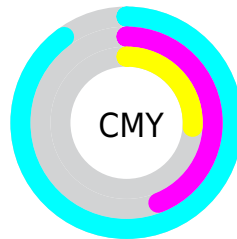
- Red (10%)
- Green (56%)
- Blue (74%)



- Red (10%)
- Yellow (37%)
- Blue (74%)



- Cyan (87%)
- Magenta (24%)
- Yellow (0%)
- Black (26%)



- Cyan (90%)
- Magenta (44%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1990BD changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 1990BD by changing the saturation by 10% instead.

 1990BD

 1990BD

FFFFFF

 0076A2

 66C6F5

 005E87

 85E2FF

 00466E

 A3FFFF

 003055


 C1FFFF

 001C3E

 DFFFFF

 000328

FEFFFF

 000111

 000000

 1990BD

 1990BD

■ 068BBD

■ 2C95BD

■ 0089BD

■ 3F9ABD

■ 52A0BD

■ 65A5BD

■ 78AABD

■ 8AAFBD

■ 9DB4BD

■ B0B9BD

■ C3BFBD

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0095A8



1990BD



6087C3

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1990BD



C06D82



748F53

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



1990BD



BD4619

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



948648



1990BD



BE7264

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1990BD



B172A0



AE7B4F



4D946B

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



1990BD



8280BD



AE7B4F



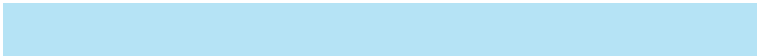
7F8C4D

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



1990BD



B5E3F5



19BD45



54707A



FAFAFA



7A7A7A

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



1990BD



00B2F5



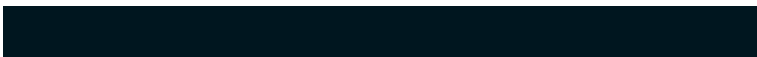
193FBD



555C5E



00739E



00161F

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



BD1990



F500B2



BD9719



5E555C



9E0073



1F0016

Previews

White Background



This preview shows how the Hex color 1990BD looks on a white background.

Color Contrast Check

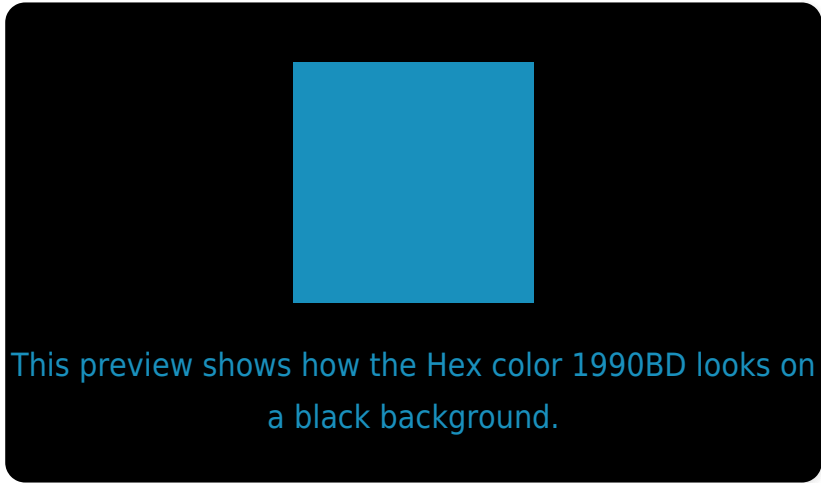
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

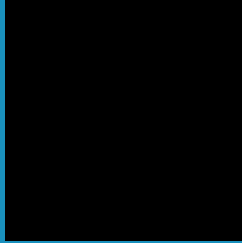
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1990BD Background



This preview shows how black text looks on a background with the Hex color 1990BD.



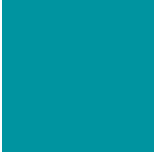
This preview shows how white text looks on a background with the Hex color 1990BD.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

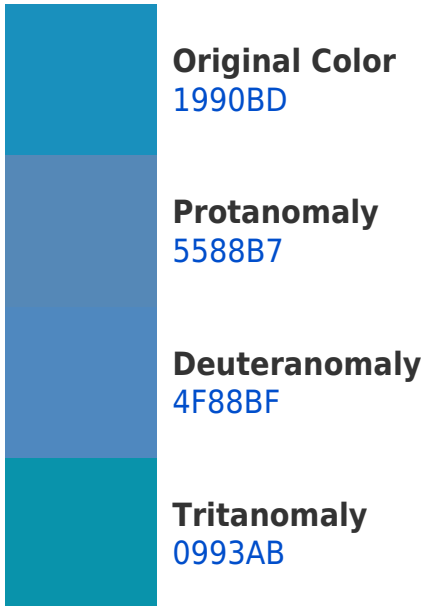
Dichromacy



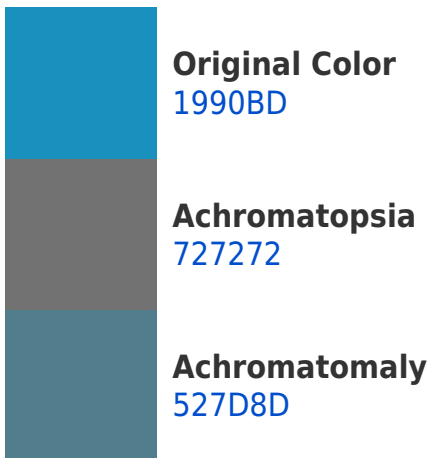


Tritanopia
0094A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1990BD is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #1990BD looks like.

```
.text, #text, p{  
    color:#1990BD  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #1990BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1990BD
}
```

Border

The CSS property to change the border of an element to Hex 1990BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1990BD }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#1990BD }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #1990BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1990BD; -webkit-box-shadow:4px 4px  
4px 4px #1990BD; box-shadow:4px 4px 4px  
4px #1990BD }
```

Background

The CSS property to change the background color of an element to Hex 1990BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1990BD }
```

If only the background color should be changed can be used:

```
.background{ background-color:#1990BD }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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